

EP-W-09-002  
C-045-54  
8/13/13

**Work Assignment 045-RICO-A244- Cabo Rojo Groundwater Contamination Site  
Technical Evaluation for Work Plan Letter, dated July 29, 2013**

We are requesting that the approved budget be increased as a result of the difficulties encountered in performing the field investigations and the field mobilization in support of the RI/FS at the Cabo Rojo site as detailed in the work plan letter, dated July 29, 2013.

**Current Approved Budget: 8,440 PLOE and \$2,049,999**

**Additional PLOE Hours and \$ Requested: 862 PLOE** (which consists of the following: 1) budget of 616 PLOE and no additional dollars (-\$47,209) to drill one critical well and clean the debris from an existing well; 2) budget of 246 PLOE and \$21,639 dollars to cover costs and additional hours incurred to deal with challenges encountered during the initial mobilization; and 3) budget of \$25,570 with no additional hours to cover the costs of handling a greater quantity of IDWs.

**New Revised Budget Request: 9,302 PLOE and \$2,049,999**

### **Task 3 – Field Investigation**

#### **Subtask 3.2 Mobilization and Demobilization**

An additional 246 PLOE hours is needed to cover incurred costs encountered during the mobilization activities. The contractor had to extend the level of effort as a result of a delay while EPA was trying to obtain access from property owners (PRIDCO and PRASA). The access issues delayed the project for over 4 weeks which resulted in: 1) several unanticipated trips to meet with the property owners on the premises; 2) several delays in the preparation of the staging area; 3) contractor incurred in additional coordination with vendors; 4) preparation of various consent letters for government officials; 5) contractor dealt with multiple revisions of insurance certificates for one property owner; and 6) complications in obtaining three suitable estimates from local electricians.

ITD as of 07/24/13: 454 PLOE and \$78,081

ECAC is 494 PLOE and \$178,081

Approved budget: 248 PLOE and \$156,442

Request approval of budget for additional 246 PLOE and \$21,639

New budget for Subtask 3.2: 494 PLOE and \$178,081

#### **Subtask 3.3 Hydrogeological Assessment**

An additional 616 PLOE hours with no additional dollars is needed to complete the drilling of one critical bedrock well and to clear an existing well of debris to facilitate testing and sampling during the geophysical investigation. The current approved PLOE hours for subtask 3.3 were depleted while drilling the bedrock wells and as a result of unexpected geological conditions all of the wells except one collapsed. The number of wells to assess will be reduced due to the adverse subsurface conditions. No additional dollars are needed for this subtask as the estimate cost at completion is below the original estimate in the negotiated work plan budget.

ITD as of 07/24/13: 573 PLOE and \$217,422

ECAC is 2,190 PLOE and \$923,975

Approved budget: 1,574 PLOE and \$971,184



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Request approval of budget for additional 616 PLOE and reduction of \$47,209  
New budget for Task 3.3: 2,190 PLOE and \$923,975

**Subtask 3.8 Investigation of Derived Waste (IDW)**

An additional \$25,570 is needed in support of the IDW Management due to the greater unexpected quantity of IDW. Aquifer is very productive and is anticipated to create a quantity of waste greater than expected.

ITD as of 07/24/13: 0 PLOE and \$0  
ECAC is 40 PLOE and \$61,064  
Approved budget: 40 PLOE and \$35,494  
Request approval of budget for additional \$25,570  
New budget for Task 3.8: 40 PLOE and \$61,064

The RPM and PO concur with CDM's proposed and incurred hours and costs for the additional activities detailed in this technical evaluation of the work plan letter.

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